



# Storm Wrap Up June 30-July 1 2014

National Weather Service  
Grand Rapids, Michigan

# Overview

- Wave of low pressure moved east from North Central Plains to Great Lakes Region
- First complex of storms fired over Iowa Monday afternoon and weakened considerably as it moved into Lower Michigan into the late evening hours
- Second line developed behind first complex over Eastern Iowa and traveled further south
- Widespread damage along and south of I-94
- **[Click here for a full regional radar loop](#)**



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[weather.gov/grr](http://weather.gov/grr)



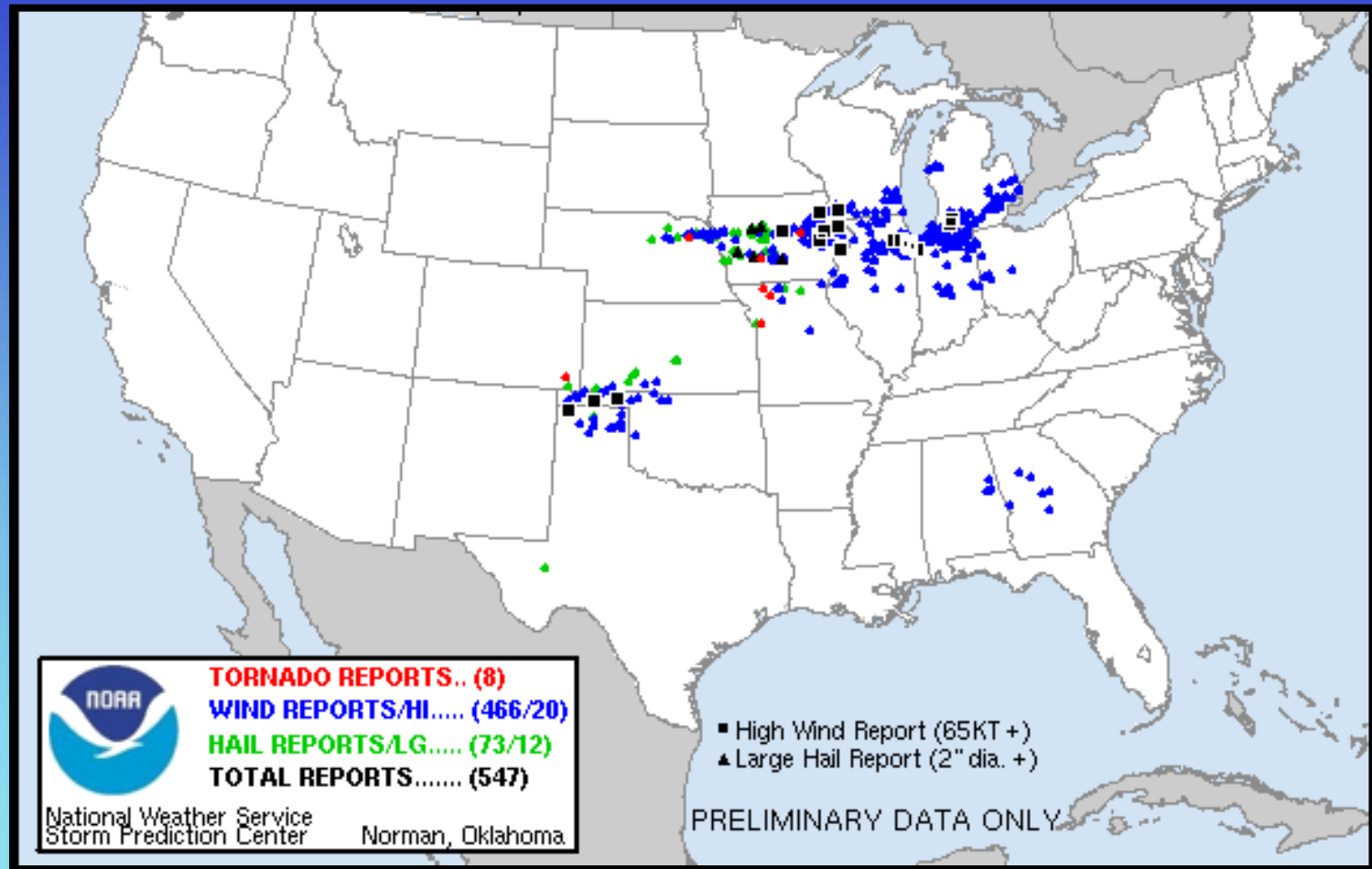
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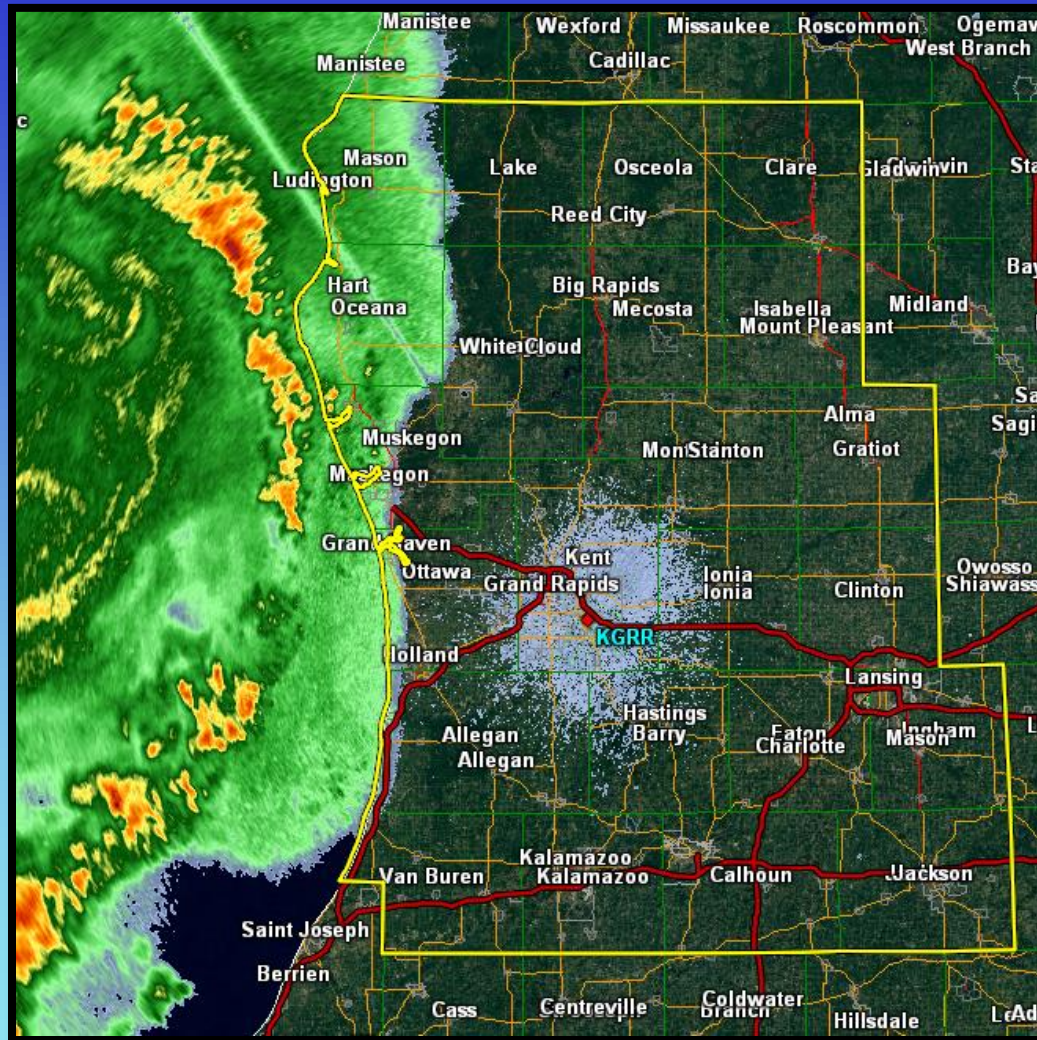
# SPC Storm Reports

For 6/30/2014





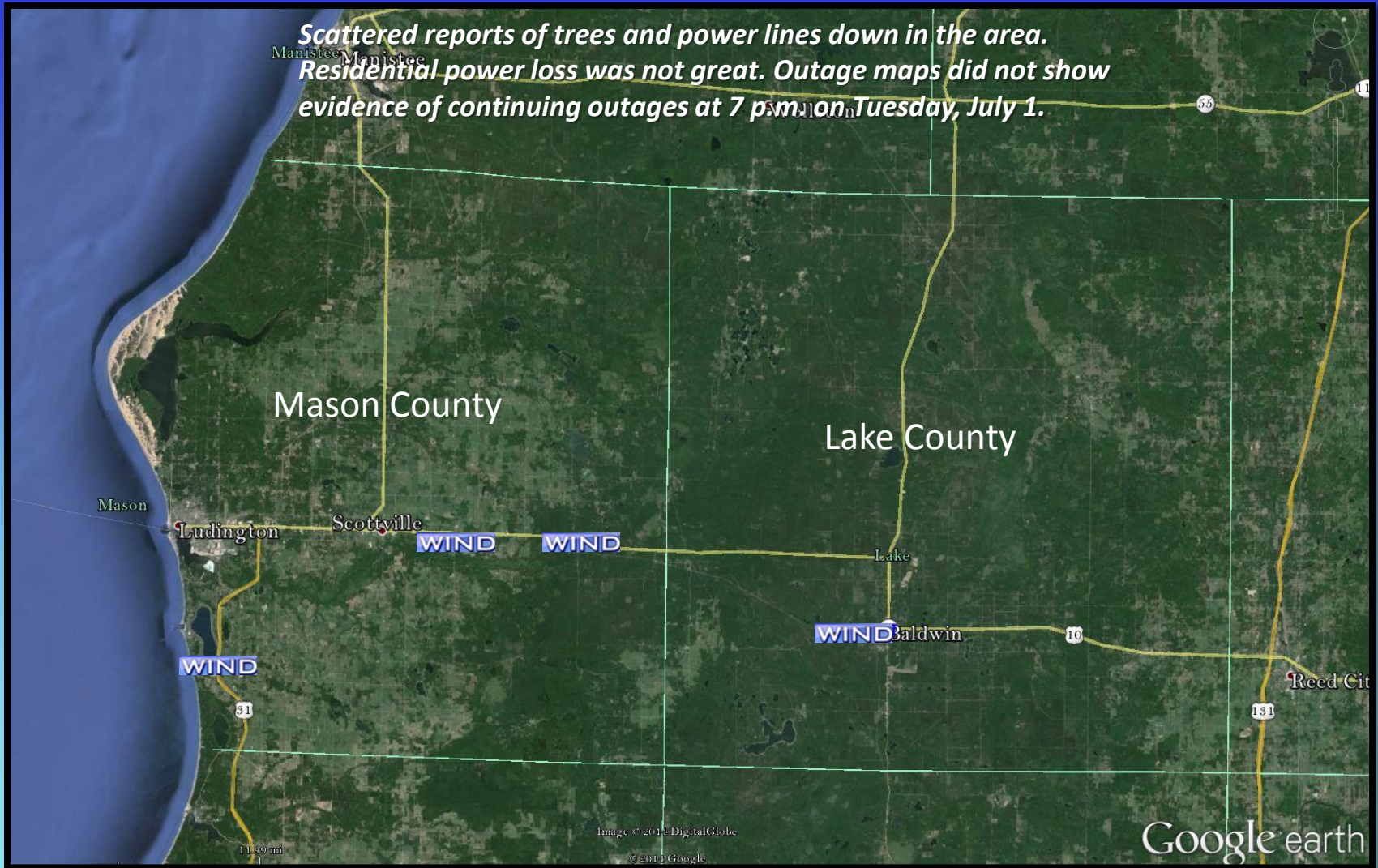
# Line #1- Radar



- Storms approached the shoreline just after 8:30 p.m.
- Initial damage reports were confined to Mason and Lake Counties
- Wind and lightning were primary threats

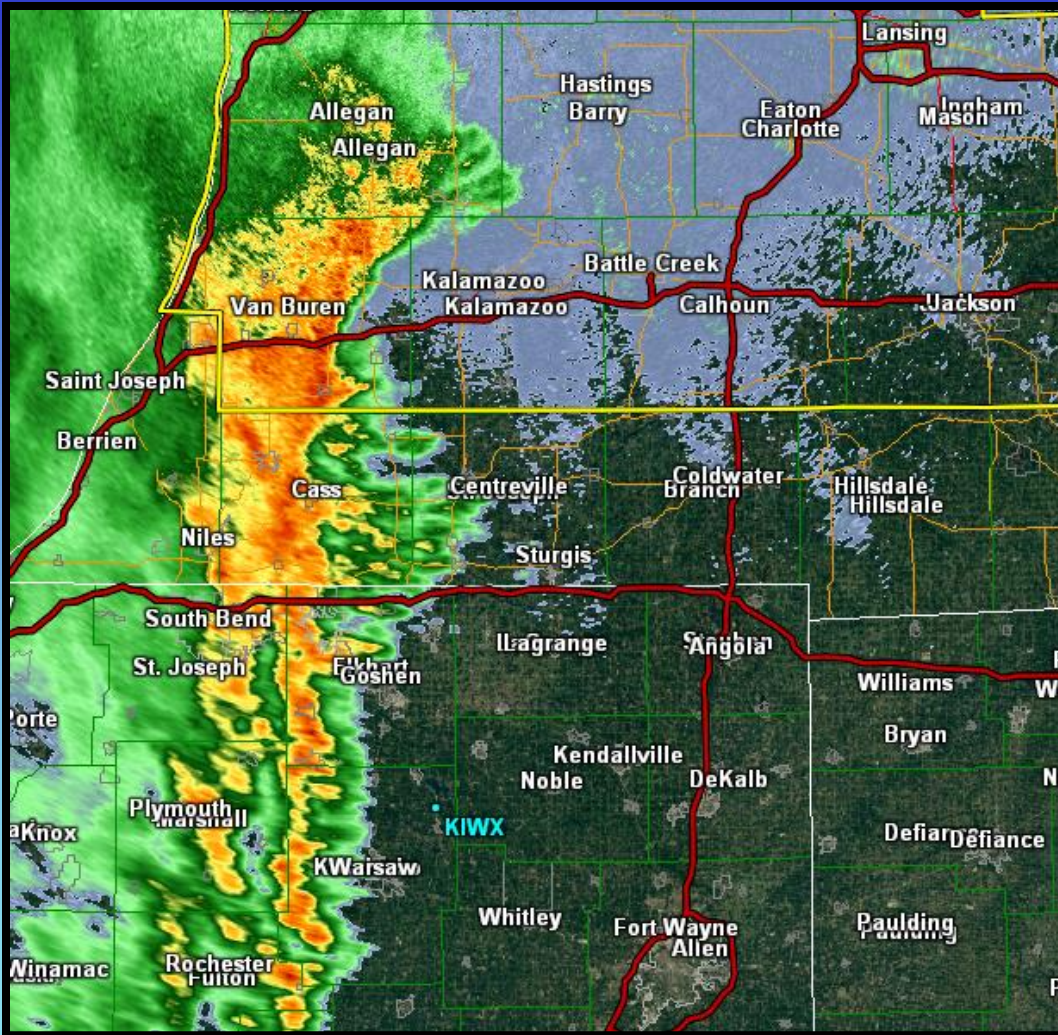


# Line #1- Storm Reports





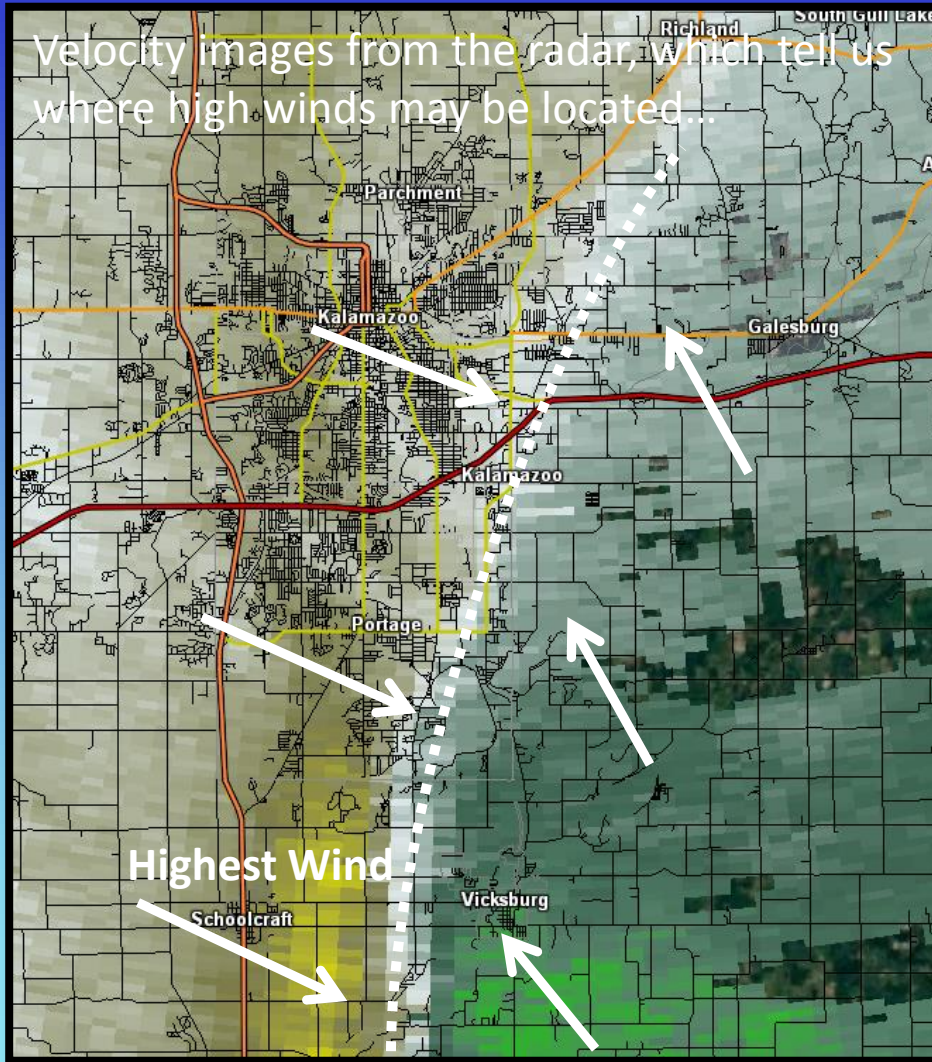
# Line #2- Radar



- Second line developed behind the first complex
- Quickly traveled through Northern Illinois
- Storm entered Southwest Michigan around 12:30 a.m.
- Storm maintained much of its strength along I-94
- Several trees down, power lines and poles down, extensive power outages and other damage resulted

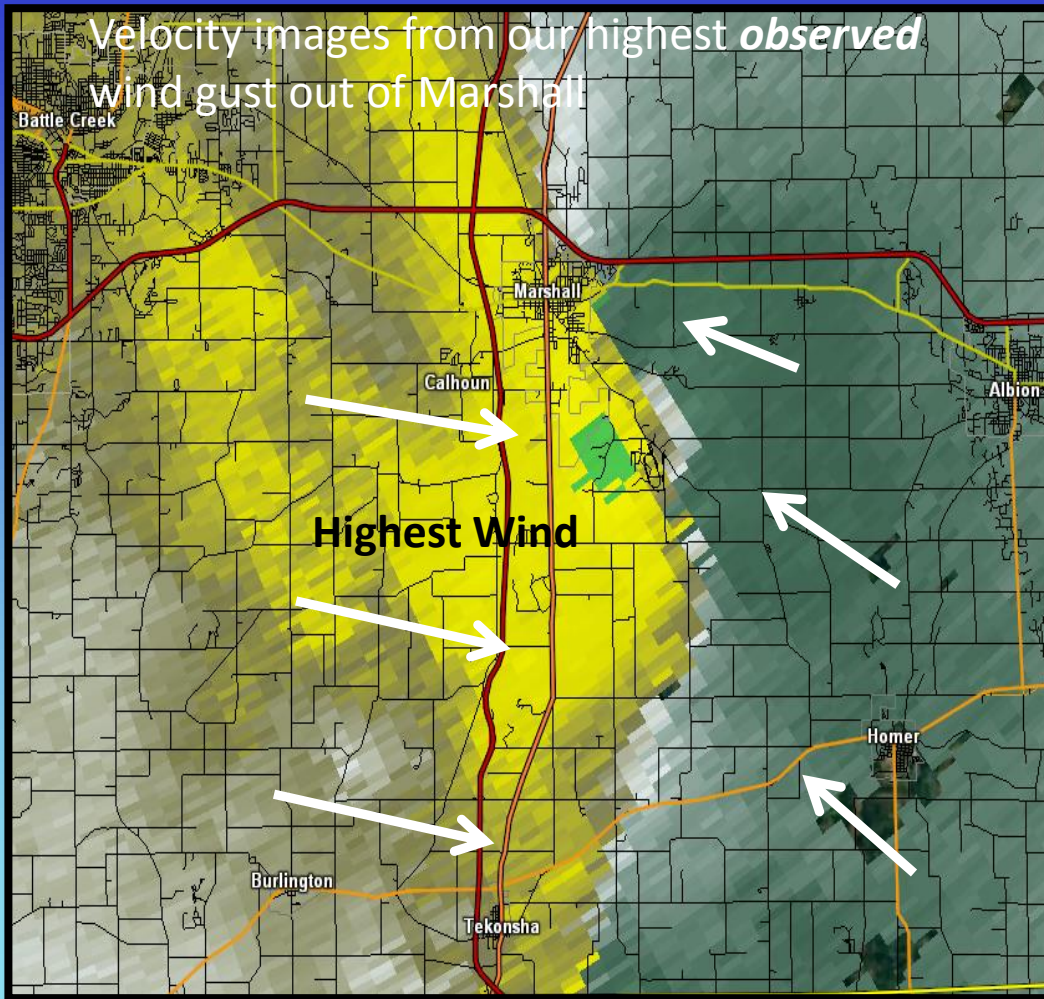


# Line #2- Radar



- Winds were generally coming from the southeast ahead of the storm
- Warm, moist and unstable air was being pumped into Southern Lower Michigan
- Nocturnal low-level winds helped continue to drive the storm eastward
- Some gusts were *estimated* to be over 70 mph by storm spotters near Vicksburg

# Line #2- Radar

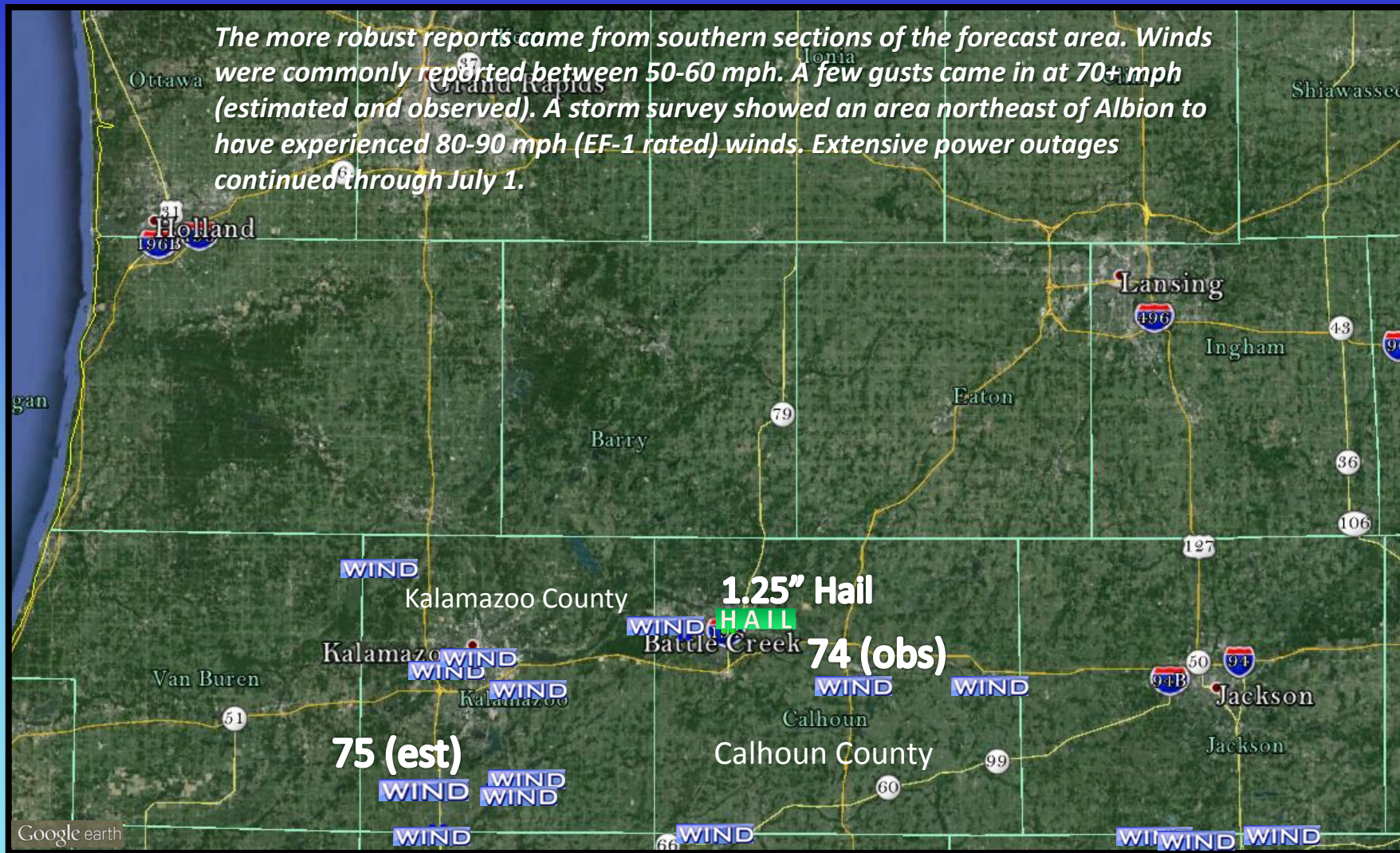


- After cutting through Kalamazoo, the storm marched east toward other larger communities
- Battle Creek and Marshall would take a hit just before 2 a.m. Tuesday morning
- More damage reports came in from around Albion
- Highest wind gust in the forecast area came from Brooks Field at 74 mph



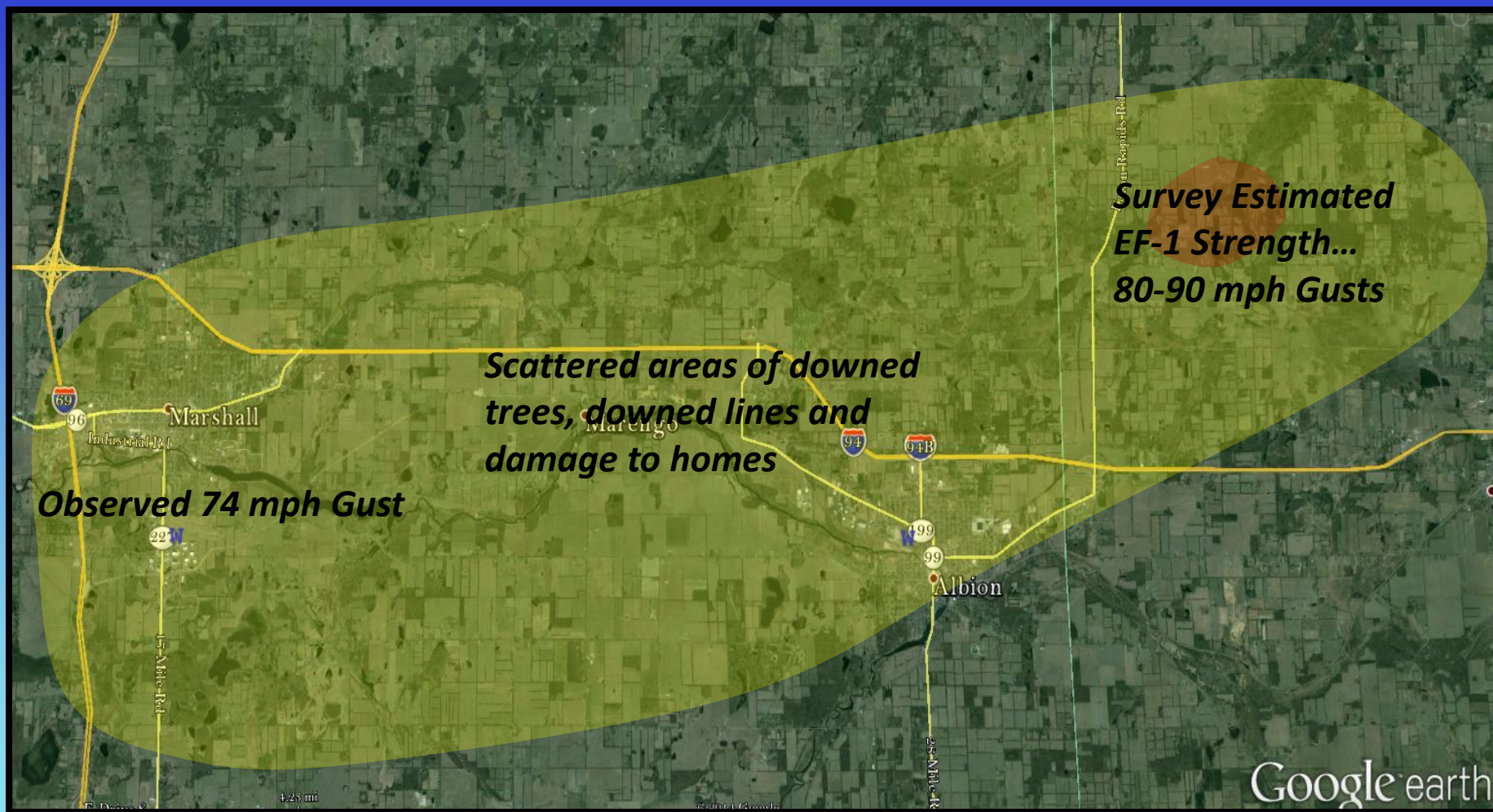
# Line #2- Storm Reports

*The more robust reports came from southern sections of the forecast area. Winds were commonly reported between 50-60 mph. A few gusts came in at 70+ mph (estimated and observed). A storm survey showed an area northeast of Albion to have experienced 80-90 mph (EF-1 rated) winds. Extensive power outages continued through July 1.*



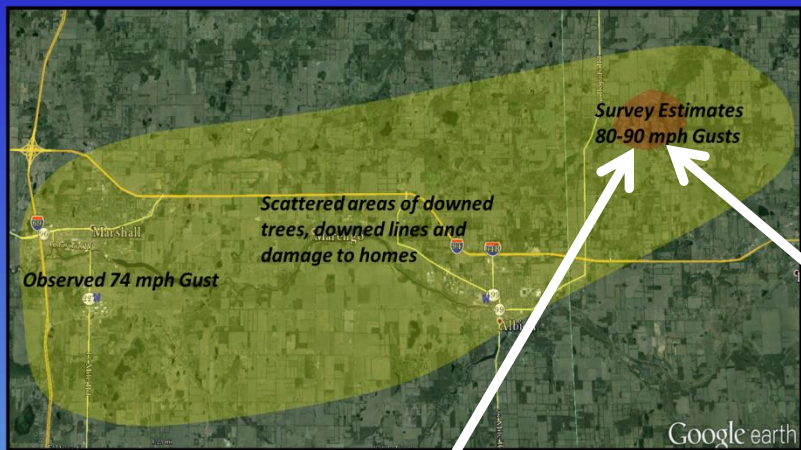


# Line #2- Some of the Worst Damage





# Line #2- Some of the Worst Damage



**This house lost its roof and several trees in the area**



**Several areas had impassable roads due to downed trees**



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# Line #2- Power Outages

